2PTO/SB/08A (10-01)
Approved is hrough 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

<u> </u>			 	_	
Sheet	11		 Ωī	17	

	Complete if Known			
Application Number	Unassigned U 9 1 1 2 4			
Filing Date	Concurrently Herewith			
First Named Inventor	Kazuaki HIRASAWA et al.			
Group Art Unit	Unassigned			
Examiner Name	Unassigned			
Attorney Docket Number	38331-0005			

-	U.S. PATENT DOCUMENTS						
Examiner Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant			
Initials *	Cite No. <sup>‡</sup>	Number - Kind Code <sup>2</sup> (# known)	MM-DD-YYYY	or ones bodiness	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	<b></b> -						
<del></del>	┼	<del></del>					
	-						
	<del> </del>						
	ļ	•					
	<del> </del>				· · · · · · · · · · · · · · · · · · ·		
-							
	<del> </del>						
	I						

				FOREIGN PA	TENT DOCU	MENTS		
Examiner Initials*	, Cite No.	Countr		ent Document  A - Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
IM	A01	JP	9-308481		12/2/1997	Nippon Oil Co., Ltd.	Appear	•
	A02	EP	1138208	A1	10/4/2001	Nippon Mitsubishi Oil Corp.	· · · · · · · · · · · · · · · · · · ·	
	A03	EP	1229126	. A1	8/7/2002	Nippon Mitsubishi Oil Corp. #		
	A04	wo	99/06586	A1	2/11/1999	Yissum Res. Dev. Co. Hebrew Univ. Jerusalem		
	A05	EP	08725554	A2	10/21/1998	F, Hoffman-La Roche AG		
V	A06	EP	0 769551	A1	4/23/1997	Kirin Beer Kabushiki . Kaisha		
		1			· · · · · · · · · · · · · · · · · · ·	<u> </u>		,

Examiner Signature	/Irene Marx/	Date Considered	12/28/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

d PCT/PTO 1 5 OCT 2004

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known Substitute for form 1449A/PTO **Application Number** Unassigned INFORMATION DISCLOSURE Filing Date Concurrently Herewith STATEMENT BY APPLICANT First Named Inventor Kazuaki HIRASAWA et al. **Group Art Unit** Unassigned (use as many sheets as necessary) **Examiner Name** Unassigned of 2 Attorney Docket Number 38331-0005 Sheet

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	<b>,</b> -
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IM	A07	TSUBOKURA, A., et al., "Paracoccus carotinifaciens sp. nov., a new aerobic Gram-negative astaxanthin-producing bacterium", 1999, Int. J. Syst. Bacteriol., pp. 277-282, Vol. 49	
IM	80A	TRINIDAD D.M. et al., "Analysis of canthaxanthin and related pigments from Gordonia jacobaea mutants", 2001, J. Agric. Food Chem., pp. 1200-1202, Vol. 49	
IM	A09	NELIS H.J. et al., "Reinvestigation of Brevibacterium sp. Strain KY-4313 as a source of canthaxanthin", 1989, Applied and Environmental Microbiology, 1989, pp. 2505-2510, Vol. 55, No. 10	

	Date 12/28/2006 Considered
--	----------------------------